

Claims

1. A voltage transformer (1) including a housing (12) which encloses, at least partially, a mains plug (3, 4) connectable to a mains voltage source, a terminal plug (8) connectable to a terminal, and a voltage-transforming circuit, said housing (12) comprising a first housing component (2) and a second housing component (6) movably connected to said first housing component (2) by a guide means and implemented as a reception means (9) for receiving therein the terminal, and said voltage transformer (1) being adapted to be moved from a transport position to a charging position, **characterized in that**, at the transport position, the housing components (2, 6) have been moved relative to one another such that the space occupied at the transport position is smaller than that occupied at the charging position.
2. A voltage transformer (1) according to claim 1, **characterized in that** the guide means through which the second housing component (6) is movably connected to the first housing component (2) defines at least two locking positions.
3. A voltage transformer (1) according to claim 1 or 2, **characterized in that** the guide means through which the second housing component (6) is movably connected to the first housing component (2) is implemented as a rotary guide means.
4. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the second housing component (6) is implemented as a protective casing which encloses the mains plug (3, 4), at least in certain sections thereof, in the transport position.
5. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the voltage transformer (1) is adapted to be moved to a second charging position which is different from the first charging position and the transport position.

6. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the voltage transformer (1) is implemented such that, in the transport position, the first housing component (2) is folded onto the second housing component (6).
7. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the mains plug (3, 4) and the terminal plug (8) are implemented such that they are in alignment with one another in the first charging position.
8. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that**, in the second charging position, the mains plug (3, 4) extends away from the terminal plug (8) at an angle of substantially 90°.
9. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the first housing component (2) is implemented such that it protectively encloses the terminal plug (8) in the transport position.
10. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the guide means through which the second housing component (6) is movably connected to the first housing component (2) connects said first and second housing components in an electrically conductive manner.
11. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the mains plug (3, 4) is arranged such that it can be exchanged for use with the voltage transformer (1) so as to be compatible with different, country-specific mains sockets.
12. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the voltage-transforming circuit is integrated in the first housing component (2).
13. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the first housing component (2) has a fork-shaped structural design and is provided with a rotary guide means at the fork ends (5).

14. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that** the terminal plug (8) is replaceably arranged on the voltage transformer (1).
15. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that**, at the first charging position, the insertion direction (E) and the plug-in direction (S) extend essentially parallel to one another.
16. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that**, at the second charging position, the insertion direction (E) and the plug-in direction (S) extend essentially transversely to one another.
17. A voltage transformer (1) according to one of the above-mentioned claims, **characterized in that**, at the transport position, the insertion direction (E) and the plug-in direction (S) extend essentially parallel to one another.